

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 16:53
S1	1	"5741442".pn.	US-PGPUB; USPAT	OR	ON	2004/11/30 09:29
S2	52	(donor same acceptor same (NLO or (nonlinear) or (non adj linear)) same ((electron or charge) adj transfer\$5))	US-PGPUB; USPAT	OR	ON	2004/11/30 09:30
S3	52	(donor same acceptor same (NLO or (nonlinear) or (non adj linear)) same ((electron or charge) adj transfer\$5))",clm."	US-PGPUB; USPAT	OR	ON	2004/11/30 09:31
S4	1	(donor same acceptor same (NLO or (nonlinear) or (non adj linear)) same ((electron or charge) adj transfer\$5)).clm.	US-PGPUB; USPAT	OR	ON	2004/11/30 09:44
S5	114	(donor same acceptor same ((electron or charge) adj transfer\$5)).clm.	US-PGPUB; USPAT	OR	ON	2004/11/30 09:44
S6	2	((donor near2 layer) same (acceptor near2 layer) same ((electron or charge) adj transfer\$5)).clm.	US-PGPUB; USPAT	OR	ON	2004/11/30 10:26
S7	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer)) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4))	US-PGPUB; USPAT	OR	ON	2004/11/30 10:39
S8	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer)) and (TSL or ((spacer or spacing) adj layer))	US-PGPUB; USPAT	OR	ON	2004/11/30 10:29
S9	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer))	US-PGPUB; USPAT	OR	ON	2004/11/30 10:39

S10	6	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (MPS adj PPv)	US-PGPUB; USPAT	OR	ON	2004/11/30 10:38
S11	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene)	US-PGPUB; USPAT	OR	ON	2004/11/30 10:32
S12	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (methyl near2 propyloxy near2 sulfonate near3 vinylene)	US-PGPUB; USPAT	OR	ON	2004/11/30 10:32
S13	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (methyl near2 propyloxy near2 sulfonate near3 (vinylene or phenylene))	US-PGPUB; USPAT	OR	ON	2004/11/30 10:38
S14	15	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4) or PAZO)	US-PGPUB; USPAT	OR	ON	2004/11/30 10:38
S15	9	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy) near2 transfer\$5) and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:04
S16	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy) near2 transfer\$5) and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 10:38
S17	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4) or PAZO)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 10:38

S18	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (methyl near2 propyloxy near2 sulfonate near3 (vinylene or phenylene))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 10:38
S19	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (MPS adj PPv)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 10:38
S20	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 10:39
S21	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer)) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 10:39
S22	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 11:00
S23	1748	(427/58,108).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/11/30 11:00
S24	2510	(427/162,164,165,169).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/11/30 11:00
S25	1193	(427/402).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/11/30 11:00
S26	1960	(427/430.1,443.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/11/30 11:00
S27	18625	S23 S24 S25 l@5	US-PGPUB; USPAT	OR	ON	2004/11/30 11:00
S28	6954	S23 S24 S25 S26	US-PGPUB; USPAT	OR	ON	2004/11/30 11:01
S29	3	S28 and (((electron or charge or energy) adj (transfer\$6)) same (NLO or ((nonlinear or (non adj linear)) near2 optic\$6)))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:02

S30	3	S28 and (((electron or charge or energy) adj (transfer\$6)) same (NLO or ((nonlinear or (non adj linear)) near2 optic\$6)))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:04
S31	190	(((electron or charge or energy) adj (transfer\$6)) same (NLO or ((nonlinear or (non adj linear)) near2 optic\$6)))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:42
S32	187	S31 not S30	US-PGPUB; USPAT	OR	ON	2004/11/30 11:04
S33	42	S32 and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:36
S34	0	S32 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PEI or PAH or PDDA or PSS or PPI or dendrimer or (poly adj ((ethylene adj imine) or (allyl adj amine) or (styrene adj sulfonate) or (propylene adj imine)))) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene) and (PAZO)	US-PGPUB; USPAT	OR	ON	2004/11/30 11:17
S35	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PEI or PAH or PDDA or PSS or PPI or dendrimer or (poly adj ((ethylene adj imine) or (allyl adj amine) or (styrene adj sulfonate) or (propylene adj imine)))) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene) and (PAZO)	US-PGPUB; USPAT	OR	ON	2004/11/30 11:16
S36	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PEI or PAH or PDDA or PSS or PPI or dendrimer or (poly adj ((ethylene adj imine) or (allyl adj amine) or (styrene adj sulfonate) or (propylene adj imine)))) and (PAZO)	US-PGPUB; USPAT	OR	ON	2004/11/30 11:16
S37	15	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PEI or PAH or PDDA or PSS or PPI or dendrimer or (poly adj ((ethylene adj imine) or (allyl adj amine) or (styrene adj sulfonate) or (propylene adj imine))))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:16

S38	0	S32 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene) and (PAZO)	US-PGPUB; USPAT	OR	ON	2004/11/30 11:20
S39	0	S32 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PAZO)	US-PGPUB; USPAT	OR	ON	2004/11/30 11:18
S40	0	S32 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene)	US-PGPUB; USPAT	OR	ON	2004/11/30 11:18
S41	0	S32 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:19
S42	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene) and (PAZO)	US-PGPUB; USPAT	OR	ON	2004/11/30 11:18
S43	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PAZO)	US-PGPUB; USPAT	OR	ON	2004/11/30 11:18
S44	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene)	US-PGPUB; USPAT	OR	ON	2004/11/30 11:18
S45	30	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv))	US-PGPUB; USPAT	OR	ON	2004/11/30 16:53
S46	15	S45 not S37	US-PGPUB; USPAT	OR	ON	2004/11/30 11:19
S47	0	S32 and (((donor or (charge adj generat\$5) or donating) near2 (coat\$3 or film or layer)) or CGL) and (((accept\$7) near2 (coat\$3 or film or layer)) or CAL) and (PAZO or (nonlinear\$3) or (non adj linear\$3))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:22
S48	71	(((donor or (charge adj generat\$5) or donating) near2 (coat\$3 or film or layer)) or CGL) and (((accept\$7) near2 (coat\$3 or film or layer)) or CAL) and (PAZO or (nonlinear\$3) or (non adj linear\$3))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:28

S49	92	((donor or (charge adj generat\$5 or donating) near2 (coat\$3 or film or layer)) or CGL) and (((accept\$7 near2 (coat\$3 or film or layer)) or CAL) and (TSL or (spac\$5 near2 (coat\$3 or film or layer))))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:29
S50	434	(NLO or ((nonlinear or (non adj linear)) near2 optic\$6)) and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:43
S51	14	S50 and S28	US-PGPUB; USPAT	OR	ON	2004/11/30 11:37
S52	977	((electron or charge or energy) adj (transfer\$6)) and (NLO or ((nonlinear or (non adj linear)) near2 optic\$6)))	US-PGPUB; USPAT	OR	ON	2004/11/30 12:08
S53	138	S52 and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:52
S54	3	((charge or electron or energy) near3 transfer\$5 with between with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:57
S55	5	((charge or electron or energy) near3 transfer\$5 with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:58
S56	2	S55 not S54	US-PGPUB; USPAT	OR	ON	2004/11/30 11:56
S57	12	(transfer\$5 with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	US-PGPUB; USPAT	OR	ON	2004/11/30 11:57
S58	7	S57 not S55	US-PGPUB; USPAT	OR	ON	2004/11/30 11:57
S59	2	((charge or electron or energy) near3 transfer\$5 with between with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 11:58
S60	3	((charge or electron or energy) near3 transfer\$5 with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 11:59
S61	1	((donor adj (coat\$3 or film or layer)) same (acceptor adj (coat\$3 or film or layer)) same (NLO or nonlinear\$5 or (non adj linear\$5)))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 12:02

S62	0	((donor adj (coat\$3 or film or layer)) same (acceptor adj (coat\$3 or film or layer)) same (NLO or nonlinear\$5 or (non adj linear\$5)))	US-PGPUB; USPAT	OR	ON	2004/11/30 12:02
S63	12	((donor adj (coat\$3 or film or layer)) same (acceptor adj (coat\$3 or film or layer))) and (NLO or nonlinear\$5 or (non adj linear\$5))	US-PGPUB; USPAT	OR	ON	2004/11/30 12:05
S64	137	(NLO or ((nonlinear\$5 or (non adj linear\$5) adj optic\$7))) with sandwi\$7	US-PGPUB; USPAT	OR	ON	2004/11/30 12:07
S65	0	(NLO or ((nonlinear\$5 or (non adj linear\$5) adj optic\$7))) with sandwi\$7 with (donat\$6) with accept\$6	US-PGPUB; USPAT	OR	ON	2004/11/30 12:07
S66	0	S64 and S28	US-PGPUB; USPAT	OR	ON	2004/11/30 12:07
S67	69	S52 and ((donor or donating or acceptor or accept\$6) near2 (coat\$3 or film or layer))	US-PGPUB; USPAT	OR	ON	2004/11/30 12:09